

1 **WHAT IS CLAIMED IS:**

- 2 1. A digital camera with a multi-illuminating source, the digital camera
3 comprising:
4 a microprocessor for providing a trigger signal;
5 a flash lamp driver connected to the microprocessor for receiving the trigger
6 signal;
7 a flash lamp connected to the flash lamp driver, wherein the flash lamp is
8 controlled by the flash lamp driver to emit a flashlight signal toward a target;
9 a laser driver connected to the microprocessor for receiving the trigger
10 signal;
11 an infrared element connected to the laser driver for emitting a series of
12 infrared light signals toward the target;
13 a charge coupled sensor connected to the microprocessor for receiving a
14 reflected signal from the target through a filter and converting the reflected
15 signal into a digital photo signal, wherein the filter is connected to the charge
16 coupled sensor; and
17 a memory connected to the charge coupled sensor for storing the digital
18 photo signal from charge coupled sensor.
- 19 2. The digital camera with a multi-illuminating source as claimed in claim 1,
20 wherein the infrared element is an infrared laser diode (IR LD).
- 21 3. The digital camera with a multi-illuminating source as claimed in claim 1,
22 wherein the infrared element is an infrared light emitting diode (IR LED).